

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		09909784
	Filing Date		2001-07-23
	First Named Inventor	Dale L. BARTHOLOMEW, et al.	
	Art Unit	<del>2446</del> 2467	
	Examiner Name	Duc T. Duong	
Attorney Docket Number		VE22.20 CON	

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	4	5625677		1997-04-29	Feiertag et al.		
	5	5627886		1997-05-06	Bowman		
	6	5633916		1997-05-27	Goldhagen et al.		
	7	5636216		1997-06-03	Fox et al.		
	8	5646982		1997-07-08	Hogan et al.		

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9	5651006		1997-07-22	Fujino et al.	
10	5652787		1997-07-29	O'Kelly	
11	5654957		1997-08-05	Koyama	
12	5657250		1997-08-12	Park et al.	
13	5661197		1997-08-26	Villiger et al.	
14	5661782		1997-08-26	Bartholomew et al.	
15	5664005		1997-09-02	Emery et al.	
16	5664102		1997-09-02	Faynberg	
17	5668857		1997-09-16	McHale	
18	5669062		1997-09-16	Olds et al.	
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20	5675507		1997-10-07	Bobo, II	
21	5675741		1997-10-07	Aggarwal et al.	
22	5680392		1997-10-21	Semaan	
23	5687167		1997-11-11	Bertin et al.	
24	5689550		1997-11-18	Garson et al.	
25	5689553		1997-11-18	Ahuja et al.	
26	5692039		1997-11-25	Brankley et al.	
27	5694463		1997-12-02	Christie et al.	
28	5699089		1997-12-16	Murray	
29	5699352		1997-12-16	Kriete et al.	
30	5701295		1997-12-23	Bales et al.	

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31	5701465		1997-12-23	Baughner et al.	
32	5703935		1997-12-30	Raissy et al.	
33	5703942		1997-12-30	Pinard et al.	
34	5710884		1998-01-20	Dedrick	
35	5712906		1998-01-27	Grady et al.	
36	5712908		1998-01-27	Brinkman et al.	
37	5719854		1998-02-17	Choudhury et al.	
38	5724406		1998-03-03	Juster	
39	5727129		1998-03-10	Barrett et al.	
40	5729544		1998-03-17	Lev et al.	
41	5729599		1998-03-17	Plomondon et al.	

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42	5737333		1998-04-07	Civanlar et al.	
43	5744533		1998-04-28	Iwamoto et al.	
44	5748468		1998-05-05	Notenboom et al.	
45	5754639		1998-05-19	Flockhart et al.	
46	5754641		1998-05-19	Voit et al.	
47	5757784		1998-05-26	Liebowitz et al.	
48	5758281		1998-05-26	Emery et al.	
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	3	Schulzrinne, Henning, "A comprehensive multimedia control architecture for the Internet," IEEE, p.p. 65-76, September 1997.	<input type="checkbox"/>
	4	Tsaoussidis, V., et al., "A CORBA-based Application Service Middleware Architecture and Implementation," State University, of NY at Stony Brook, p.p. 1-7, downloaded, August 19, 2008.	<input type="checkbox"/>
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6	Gleeson, B., et al., "A Framework for IP Based Virtual Private Networks," The Internet Society, p.p. 1-62, February 2000.	<input type="checkbox"/>
7	Yavatkar, Raj, et al., "A Framework for Policy-based Admission Control," Internet Engineering Task Force, p.p. 1-19, April 1999.	<input type="checkbox"/>
8	Ekstein, Ronnie, et al., "AAA Protocols: Comparison between RADIUS, DIAMETER and COPS," Internet Engineering Task Force (IETF), p.p. 1-17, August 1999.	<input type="checkbox"/>
9	Hussmann, H., et al., "An edge device for supporting internet integrated services over switched ATM networks," p.p. 1-10, downloaded, August 19, 2008.	<input type="checkbox"/>
10	Sinnreich, H., et al., "Interdomain IP communications with QoS, authorization and usage reporting," <a href="http://www.ietf.org/internet-drafts...">http://www.ietf.org/internet-drafts...</a> , January 2000.	<input type="checkbox"/>
11	Mascolo, Cecilia, et al., "An XML based Programmable Network Platform," Dept. of Computer Science, University College London, p.p. 1-5, June 10, 2005.	<input type="checkbox"/>
12	Kumar, Vijay P., et al., "Beyond Best Effort: Router Architectures for the Differentiated Services of Tomorrow's Internet," IEEE Communications Magazine, p.p. 152-164, May 1998.	<input type="checkbox"/>
13	Pan, Ping, et al., "Diameter-SIP," Internet Draft, p.p. 1-15, November 15, 1998.	<input type="checkbox"/>
14	Neilson, Rob, et al., "A Discussion of Bandwidth Broker Requirements for Internet2 Qbone Deployment," Internet2 Qbone BB Advisory Council, Version 0.7, p.p. 1-30, August 1999.	<input type="checkbox"/>
15	Stojsic, Goran, et al., "Formal Definition of SIP Proxy Behavior," IEEE, p.p. 289-292, February 2001.	<input type="checkbox"/>
16	Bhuyan, L., et al., "Impact of switch Design on the Application Performance of Cache-Coherent Multiprocessors," Dept. of Computer Science, Texas A and M University and Intel Corp., p.p. 1-9, November 15, 2005.	<input type="checkbox"/>

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17	Product Overview, "IP Highway product overview," <a href="http://iphighway.com/prod/">http://iphighway.com/prod/</a> , p.p. 1-4, September 22, 1999.	<input type="checkbox"/>
18	Rosenberg, Jonathan, et al., "Internet telephony gateway location," IEEE, p.p. 488-496, February 1998.	<input type="checkbox"/>
19	Wright, S., et al., "IP "Telephony" vs. ATM: What is There to Discuss?," IEEE, p.p. 400-409, February 1998.	<input type="checkbox"/>
20	Wedlund, Elin, et al., "Mobility support using SIP," WoWMoM, January 1999.	<input type="checkbox"/>
21	Aiken, B., et al., "Network Policy and Services: A report of a Workshop on Middleware," Network Working Group, p.p. 1-26, February 2000.	<input type="checkbox"/>
22	Aspnes, James, et al., "On-Line Routing of Virtual Circuits with Applications to Load Balancing and Machine Scheduling," p.p. 486-504, Journal of the ACM, Vol. 44, No. 3, May 1997.	<input type="checkbox"/>
23	Salsano, Stefano, et al., "QoS Control by Means of COPS to Support SIP-Based Applications," IEEE Network, March/April 2007.	<input type="checkbox"/>
24	White, Paul P., "RSVP and Integrated Services in the Internet: A Tutorial," IEEE Communications Magazine, p.p. 100-106, May 1997.	<input type="checkbox"/>
25	Beck, Christopher J., et al., "Scheduling alternative activities," <a href="http://www.aaai.org/home.html">http://www.aaai.org/home.html</a> , 1999.	<input type="checkbox"/>
26	Flykt, P., et al., "SIP SERVICES AND INTERWORKING IPv6," 3G Mobile Communication Technologies, 26-28 March 2001, Conference Publication No. 477.	<input type="checkbox"/>
27	Schulzrinne, Henning, et al., "Signaling for internet telephony," Columbia University, Dept. of Computer Science Technical Report CUCS-005-98, February 2, 1998.	<input type="checkbox"/>



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28	Barzilai, Tsipora, et al., "Design and Implementation of an RSVP-based Quality of Service Architecture for Integrated Services Internet," IEEE, May 1997.	<input type="checkbox"/>
29	Hubaux, Jean-Pierre, et al., "The impact of the Internet on telecommunication architectures," Computer Networks 31 (1999).	<input type="checkbox"/>
30	Roberts, Erica, "The New Class System," <a href="http://www.data.com/roundups/class_system.html">http://www.data.com/roundups/class_system.html</a> , p. p. 1-14, September 22, 1999.	<input type="checkbox"/>
31	Wroclawski, J., "The Use of RSVP with IETF Integrated Services," <a href="ftp://ftp.isi.edu/in-notes/rfc2210.txt">ftp://ftp.isi.edu/in-notes/rfc2210.txt</a> , September 22, 1999.	<input type="checkbox"/>
32	Sloman, Morris, et al., "DISTRIBUTED MANAGEMENT FOR THE NETWORKED MILLENNIUM," Proceedings of the Sixth IFIP/IEEE International Symposium on Integrated Network Management - Boston, MA, U.S.A., 24 - 28 May 1999	<input type="checkbox"/>
33	Schulzrinne, Henning, "MIME-Version: 1.0," email communication dated October 10, 1995.	<input type="checkbox"/>
34	Garrahan, James J., et al., "Marching toward the global intelligent network," IEEE Communications Magazine, Vol. 31, No. 3, p. p. 30-36, March 1993.	<input type="checkbox"/>
35	Gys, L, et al., "Intelligence in the Network," Alcatel Telecommunications Review, p.p. 13-22, 1st Quarter 1998.	<input type="checkbox"/>
36	Yang, C., "INETPhone Telephone Services and Servers on Internet," Network Working Group, p.p. 1-6, April 1995.	<input type="checkbox"/>
37	Perret, Stephane, et al., "MAP: Mobile Assistant Programming for Large Scale Communication Networks," IEEE, p.p. 1128-1132, April 1996.	<input type="checkbox"/>
38	Plunkett, Bill, "ISCP Service Capacity Improvements," Bellcore, February 29, 1996.	<input type="checkbox"/>

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39	Murray, Dave, "High speed signalling link interface for ISCP version 6.0," Bellcore, February 29, 1996.	<input type="checkbox"/>
40	Evans, Jeff, "Alternative Approaches for Multi-ISCP Locator," Bell Atlantic, March 13, 1996.	<input type="checkbox"/>
41	Performance Task Force, "Off-Line Engineering Tool," Bellcore, September 3, 1996.	<input type="checkbox"/>
42	Jones, Doug R., "Advanced intelligent network delivering control of network routing," Bell Atlantic, downloaded, August 20, 2008.	<input type="checkbox"/>
43	Gorton, Dave, "ISCP Evolution overview," Telcordia Technologies Inc., June 5, 2001.	<input type="checkbox"/>
44	Brown, Kathryn C., "Telecom Convergence," PowerPoint presentation, downloaded August 21, 2008.	<input type="checkbox"/>
45	Cohen, Danny, "Specifications for the Network Voice Protocol (NVP)," <a href="http://www.rfc-archive.org/getrfc.php?rfc=741">http://www.rfc-archive.org/getrfc.php?rfc=741</a> , November 22, 1977.	<input type="checkbox"/>
46	Low, Colin, "The Internet Telephony Red Herring," Hewlett Packard, p.p. 1-15, May 15, 1996.	<input type="checkbox"/>
47	de la Fuente, L.A., et al., "Application of the TINA-C Management Architecture," Bellcore, Red Bank, NJ, downloaded, August 21, 2008.	<input type="checkbox"/>
48	Finseth, C., "An access control protocol, sometimes called TACACS," Network Working Group, University of Minnesota, p.p. 1-21, July 1993.	<input type="checkbox"/>
49	Buchanan, Ken, et al., "IMT-2000: Service Provider's Perspective," IEEE Personal Communications, p.p. 8-13, August 1997.	<input type="checkbox"/>

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50	Pontallier, Catherine, "TMN and New Network Architectures," IEEE Communications Magazine, p.p. 84-88, April 1993.	<input type="checkbox"/>
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**EXAMINER SIGNATURE**

Examiner Signature	/Duc Duong/	Date Considered	12/31/2009
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- ☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
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Signature	/Joseph R. Palmieri/	Date (YYYY-MM-DD)	2009-12-30
Name/Print	Joseph R. Palmieri	Registration Number	40,760

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